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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Kitagawa

Attorney Docket No.: ALPSP149/AB  
US02044-Normal

Application No.: 10/802,649

Examiner: Not yet assigned

Filed: March 16, 2004

Group: 2859

Title: MACH-ZEHNDER INTERFEROMETER  
OPTICAL SWITCH AND MACH-ZEHNDER  
INTERFEROMETER TEMPERATURE SENSOR

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on September 22, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

*Tomika Thomas*

Tomika Thomas

**INFORMATION DISCLOSURE STATEMENT  
(37 CFR §§ 1.56 AND 1.97(c))**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. ALPSP149).

Accompanying this Information Disclosure Statement is

- ☒ a statement as specified in 37 CFR 1.97(e); or
- ☐ the fee set forth in 37 CFR 1.17(p).

The undersigned hereby states:

☒ that each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application no more than three months prior to the filing of the Information Disclosure Statement; or


☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR §1.704(d)

Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application; this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

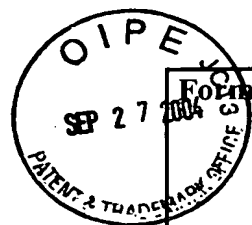
BEYER WEAVER & THOMAS, LLP



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Limited Recognition under 37 CFR § 10.9(b)

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Form 1449 (Modified)	Atty Docket No. ALPSP149/AB US02044- Normal	Application No.: 10/802,649
<b>Information Disclosure Statement By Applicant</b>	<b>Applicant:</b> Kitagawa	
(Use Several Sheets if Necessary)	<b>Filing Date</b> March 16, 2004	<b>Group</b> 2859

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	6,311,004	10/30/2001	Kenney, <i>et al.</i>			11/10/1999

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1	EP 0980018 A2	02/16/2000	EPO			X	
	B2	2000029079	01/28/2000	EPO			X	

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Ulrich Grusemann, <i>et al.</i> "Integrated-Optical Wavelength Sensor With Self-Compensation Of Thermally Induced Phase Shifts By Use Of A LiNbO3 Unbalanced Mach-Zehnder Interferometer" Applied Optics, Vol. 41, No. 29, October 10, 2002, Pages 6211-6219, XP 002290429, 2002
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.